

## **MASTER SITE PLANS**

**3062**

(Sept. 1999)

Each physical plant location under the control of the department shall have a Master Site Plan (MSP) which shows existing development of land and facilities.

## **CONTENTS**

**3062.1**

(Sept. 1999)

Some of the typical data to be shown are:

- All existing structures including finished floor elevations.
- Retaining walls, walks, curbs, and gutters.
- Roads, parking areas, and paved areas, with drainage pattern, bridges, culverts.
- Below ground utilities including;
  - Electrical Power including poles and pull boxes
  - Water including Fire Hydrants, Valve Boxes, Meters and Hose Bibs
  - Backflow Preventers
  - Storm Drain including Invert Elevation and Flow Direction
  - Sanitary Sewer including Invert Elevation and Flow Direction
  - Gas
  - Phone
  - Cableing
- LPG storage tanks.
- Property boundary lines and property corners, all described.
- Fences.
- Outstanding natural features as large rock outcrops, trees of value sufficient to affect master planning of facilities, and streams.
- Land contours. These should be dashed continuous lines. Use one-foot contour intervals for flat or gently sloping areas and five feet contour intervals for steep terrain.

- Permanent bench marks with description of mark and the elevation. Use USGS Base whenever possible.
- Planning aids such as:
  - True North direction.
  - Plan scale.
  - Prevailing wind direction.
  - Storm wind direction.
  - Distance in miles to nearest town or city in the most applicable directions.
  - Fronting streets or highways. If adjacent to a freeway, show the point of access.
  - Location map.
  - Township, Range and Section.
  - Date of Survey.

## **PLAN SIZE AND SCALES**

**3062.2**

(Sept. 1999)

Scales used for the MSP are to be at 1" = 20', 1" = 30', 1" = 40' or 1" = 50' as required to best utilize the area on the standard 24" X 36" size drawing sheet. For the few large area sites, more than one sheet may be used at the 1" = 50' scale.

## **APPROVAL**

**3062.3**

(Sept. 1999)

Approval of the original MSP will be made at the Sacramento Technical Services by the Senior Civil Engineer, Senior Land Surveyor or Chief of Technical Services.

## **CHANGES**

(Sept. 1999)

**3062.4**

Changes in the MSP result from completion of construction pursuant to approved working drawings or changes in land status. After a construction project has been completed, it is necessary to accurately revise the MSP to reflect the changes.

Changes in land boundaries, easements, rights-of-way, other property rights, and reservations, as well as changes following construction by other parties must also be drafted on the MSP by the region. It is recommended that each region maintain a separate suspense file and coordinate with Sacramento Technical Services for retaining all pertinent data affecting the MSP in order that each MSP reflects current changes.

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